

Patent Abstracts of Japan

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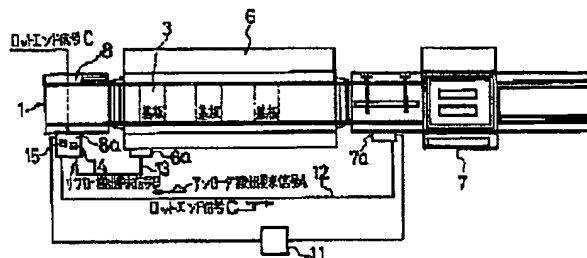
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TITLE : SUBSTRATE CARRIER



ABSTRACT : PURPOSE: To provide a substrate carrier device which can determine production control information and collect information upon completion of line operation when line operation is completed.

CONSTITUTION: A carrying substrate counter 14, which performs an addition, whenever a substrate 3 is carried out of a conveyor 8, and a subtraction, whenever the substrate 3 is carried in by an unloader 7, and a lot end signal generating section 15, which outputs a lot end signal C when a carrying substrate counter 14 indicates 0, are provided. The figure the carrying substrate counter 14 indicates a quantity of substrates being processed by a reflow 6. When the figure becomes 0, the lot end signal C is outputted to an unloader controller 7a; thereby, which substrate 3 is at the lot end can be determined with certainty, even though the reflow 6 cannot recognize the number of substrates running within this device. Consequently, information upon completion of the line operation can be gathered by determining not only the lot end signal C but production management information.

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